

Res. Asst. PhD Muhammet CAMCI

Personal Information

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International Researcher IDs

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ORCID: 0000-0003-4283-1307

Publons / Web Of Science ResearcherID: A-5826-2017

ScopusID: 57207246960

Yoksis Researcher ID: 249965

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Mechanical Engineering, Turkey
2017 - 2022

Postgraduate, University of Leicester, Department of Engineering, Mechanical Engineering, United Kingdom 2014 - 2015

Undergraduate, Sakarya University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Investigation of the Effect of Ventilation on Heat Transfer Characteristics of a Radiant Cooled Surface in an Enclosure, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, -, 2022

Postgraduate, Investigation of a Hybrid Fuel Cell-Gas Turbine System, University of Leicester, 2015

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Mechanical Engineering, 2019 - Continues

Research Assistant, Siirt University, Faculty Of Engineering, Department Of Mechanical Engineering, 2016 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Machine learning approach to predict the heat transfer coefficients pertaining to a radiant cooling system coupled with mixed and forced convection**
Açıkgöz Ö., Çolak A. B., Camcı M., Karakoyun Y., Dalkılıç A. S.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.178, pp.1-14, 2022 (SCI-Expanded)
- II. **An experimental study on the heat transfer characteristics over a radiant cooled wall exposed to mixed and forced convection driven by displacement ventilation**
Cancı M., Karakoyun Y., Açıkgöz Ö., Dalkılıç A. S.
International Communications in Heat and Mass Transfer, vol.135, 2022 (SCI-Expanded)
- III. **CFD analyses on the thermal comfort conditions of a cooled room: a case study**
Ozsagiroglu S., Camcı M., Taner T., Açıkgöz Ö., Dalkılıç A. S., Wongwises S.
Journal of Thermal Analysis and Calorimetry, vol.147, no.3, pp.2615-2639, 2022 (SCI-Expanded)
- IV. **A comparative study on convective heat transfer in indoor applications**
Cancı M., Karakoyun Y., Açıkgöz Ö., Dalkılıç A. S.
Energy and Buildings, vol.242, 2021 (SCI-Expanded)
- V. **Thermodynamic analysis of a novel integration of a spray dryer and solar collectors: A case study of a milk powder drying system**
Cancı M.
Drying Technology, vol.38, no.3, pp.350-360, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **TECHNICALITY OF THE EXPERIMENTAL SETUP FOR THE INVESTIGATION OF RADIANT HEATING/COOLING SYSTEMS**
Cancı M., Karakoyun Y., Açıkgöz Ö., Dalkılıç A. S.
6th International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 20 - 22 October 2021, pp.1422-1431
- II. **A short review of internal mixed convective heat transfer at building applications**
Cancı M., Açıkgöz Ö., Dalkılıç A. S.
5th international conference on advances in mechanical engineering Istanbul 2019, İstanbul, Turkey, 17 - 19 December 2019, pp.1386-1393
- III. **Effects on panel efficiency and cooling methods of photovoltaic panels by passive methods**
Bayrak F., Camcı M., Öztıp H. F.
International Engineering and Science Symposium, Turkey, Siirt, Siirt, Turkey, 20 - 22 June 2019, pp.541-547
- IV. **Effect in output power and efficiency of dust accumulation on photovoltaic panels**
Bayrak F., Camcı M., Öztıp H. F.
International Engineering and Science Symposium, Turkey, Siirt, Siirt, Turkey, 20 - 22 June 2019, pp.548-553

Supported Projects

AÇIKGÖZ Ö., CAMCI M., DALKILIÇ A. S., KARAKOYUN Y., Project Supported by Higher Education Institutions, Radyant Yüzeyli Isıtma Sistemlerinde Havalandırmanın Isı Geçiş Karakteristiklerine Etkisinin İncelenmesi, 2019 - 2021

Activities in Scientific Journals

Journal of Thermal Engineering, Assistant Editor/Section Editor, 2019 - Continues

Scientific Refereeing

RENEWABLE ENERGY, SCI Journal, July 2020

INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019 (ICAME 2019),
Conference Paper (Full Text), December 2019

INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019 (ICAME 2019),
Conference Paper (Abstract), December 2019

RENEWABLE ENERGY, SCI Journal, November 2019

RENEWABLE ENERGY, SCI Journal, April 2019

Tasks In Event Organizations

Ulusarslan D., Camcı M., Kırkar Ş. M., 5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL
ENGINEERING , Scientific Congress, İstanbul, Turkey, Aralık 2019

Metrics

Publication: 13

Citation (WoS): 30

Citation (Scopus): 73

H-Index (WoS): 3

H-Index (Scopus): 5

Congress and Symposium Activities

6TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2021, Session
Moderator, İstanbul, Turkey, 2021

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, Session
Moderator, İstanbul, Turkey, 2019

Scholarships

Abroad higher education sponsorship, Ministry of Education, 2012 - 2015